

Name: _____

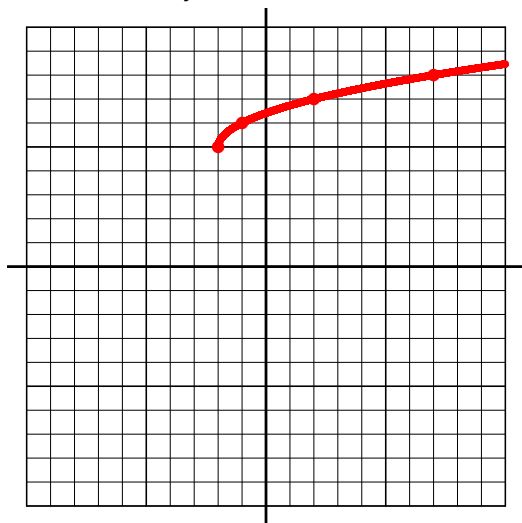
Date: _____

PCW_09_29 SOLUTION: Graph Parent Translations (version 6)

Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

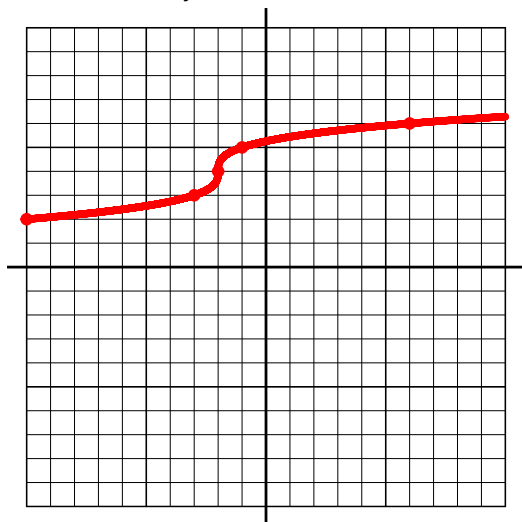
Clearly mark every solution where x and y are both integers with a small dot along the curve.

$$y = \sqrt{x+2} + 5$$

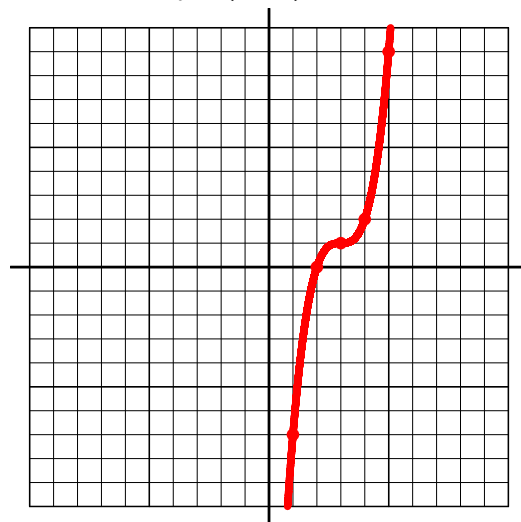


PCW_09_29 SOLUTION: Graph Parent Translations (version 6)

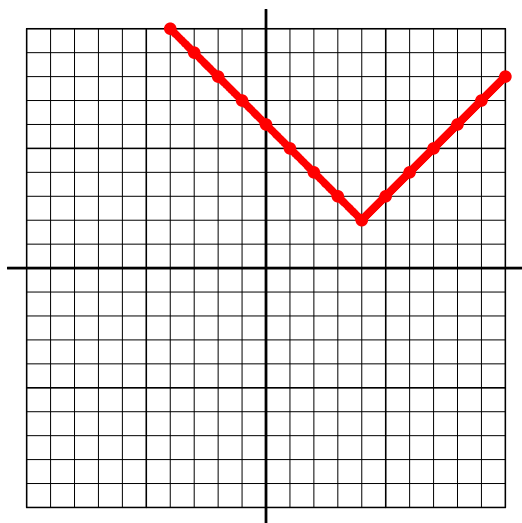
$$y = \sqrt[3]{x+2} + 4$$



$$y = (x-3)^3 + 1$$



$$y = |x-4| + 2$$



$$y = 2^{x-2} - 1$$

